

System and Method for Dynamic Network Policy Management

ABSTRACT

A system and method that provides dynamic network policy management. The system enables a network administrator to regulate usage of network services upon initiation of and throughout network sessions. The system employs a method of identifying selectable characteristics of attached functions to establish static and dynamic policies, which policies may be amended before, during and after any session throughout the network based on the monitored detection of any of a number of specified triggering events or activities. Particular policies associated with a particular identified attached function in prior sessions may be cached or saved and employed in subsequent sessions to provide network usage permissions more rapidly in such subsequent sessions. The cached or saved policy information may also be used to identify network usage, control, and security. The system and method of the present invention provides static and dynamic policy allocation for network usage provisioning.